From: Stephen Tzhone To: Scott Huling

Cc: Carlos Sanchez; John Meyer; Gloria-Small Moran/R6/USEPA/US@EPA; Casey Luckett; Jon Rauscher;

kdbecher@usas.aov

Subject: Arkwood gw remediation 05/29/2012 01:01 PM Date: Operation Manual.pdf Attachments: Atlas Copco manual.pdf

Groundwater Remediation Summary.docx Third Five Year Review.pdf

2011-04-04 5 yr rev comm final.pdf

Hi Scott,

1) Attached is a draft outline for the Groundwater Remediation Summary report that is due to EPA R6 by June 4, 2012. Copies of the pilot system operation manual (with and without the ozone generator and compressor/oxygen concentrator) are also provided as an fyi.

Currently, the pilot system operations no longer include production and injection of ozonated water into the subsurface. In addition, the PRP (McKesson) is recommending to discontinue injection of non-ozonated water on the main site, as to allow for measurement of potential rebound effects and to provide better quantification of PCP concentrations emanating from New Cricket Spring. Details of their recommendations and conclusions will be in the upcoming report.







Groundwater Remediation Summary, docx Operation Manual, pdf Atlas Copco manual, pdf

2) The last five year review, page 8 (pdf p.18), details the gw remediation status as of 2011. ADEQ also had comments regarding the five year review (attached), several which they have communicated to us that do not appear to be incorporated... R6 would be interested in ORD's perspective on these comments, esp. the ones dealing with Section VII Assessment, Section VIII Deficiencies, and Section IX Recommendations and Follow-up Actions.





Third Five Year Review.pdf 2011-04-04_5 yr rev.comm final.pdf

*Scott: I've included the other team members on cc as an fyi on the status of the gw remediation.

Thanks.

Stephen L. Tzhone Superfund Remedial Project Manager USEPA Region 6 (6SF-RA) 214.665.8409 tzhone.stephen@epa.gov